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MONTANA OIL AND GAS STATISTICAL BULLETIN

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OIL AND GAS CONSERVATION COMMISSION
SAVINGS BLDG.
HELENA, MONTANA

Vol. XVI, No. 4 — HELENA INDEPENDENT-RECORD HELENA, MONTANA — April, 1968

Production of crude oil and condensate from the oil and gas areas of Montana for the month of April 1968, averaged 129,885 barrels daily, an increase of 2,503 barrels from the average March production of 127,382.

The nine refineries in the state processed 106,625 barrels of crude oil daily for the month of April, 1968, an increase of 7,582 barrels from the 99,043 barrels processed daily during the month of March, 1968.

During April, 70 wells were completed, 43 oil, 2 gas wells and 25 dry holes.

During April, the commission issued 67 permits to drill new wells, an increase of 11 from the 56 permits issued during March.

SUMMARY OF CRUDE OIL PRODUCTION REFINING, STORAGE, ETC., IN MONTANA MONTH OF A PRIL, 1968

IN STORAGE APRIL 1st	
By Producers	457,799
By Transporters	1,206,686
By Refiners	841,174
TOTAL STORAGE	2,505,659
Produced in Montana During Month	3,896,547
Imported During Month	2,516,774
TOTALS	8,918,980
DISPOSITION:	
Refined in Montana	3,198,747
Exported	2,728,471
Used for Fuel or Lost	8,016
TOTAL	5,935,234
IN STORAGE APRIL 30th	
By Producers	465,174
By Transporters	1,380,776
By Refiners	1,137,796
TOTAL STORAGE	2,983,746

NATURAL GAS WITHDRAWALS IN MONTANA

Month of April, 1968

Field	M. Cu. Ft.
Bears Den	0
Big Coulee	92,035
Bowdoin	152,167
Bowes	45,485
Cabin Creek	107,211
Cedar Creek	217,543
Cut Bank (Including Reagan)	729,339
Devon	0
Dry Creek	1,859
Elk Basin	103,539
Flat Coulee	11,428
Gold Butte	7,279
Golden Dome	0
Grandview	9,610
Hardin	3,267
Keith Block	325,894
Kevin Sunburst	59,744
Lake Basin	103,068
Middle Butte	1,689
Mt. Lilly	54,053
Pine	72,478
Plevna	9,771
Utopia	110,942
Whitlash	102,697
Miscellaneous	169,036
TOTAL	2,490,134

Total withdrawals for April, 1967 were 2,562,607.

PRODUCERS REPORT—MONTH OF APRIL, 1968

Leases	Field	No. of Wells	Storage 1st of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
3	Ash Creek	3	325	3,496	.....	3,252	.....	569
1	Bannatyne	1	467	138	.....	138	.....	467
1	Bascom	1	.....	54	54	.....	.....	.....
5	Bear's Den	7	1,861	1,383	.....	1,617	.....	1,627
61	Bell Creek	266	119,708	1,275,652	1,269,861	.....	3,298	122,201
1	Benrud	1	347	1,265	1,357	.....	.....	255
1	Benrud East	1	500	8,948	8,976	.....	.....	472
1	Benrud Northeast	1	737	8,216	8,249	.....	.....	704
1	Berthelote	1	428	287	.....	.....	.....	715
5	Big Wall	22	1,697	20,926	20,916	.....	.....	1,707
5	Blackfoot	8	1,374	3,019	892	2,183	.....	1,318
4	Border	5	.....	2,823	.....	2,823	.....	.....
1	Bowes	56	4,006	14,575	12,274	.....	.....	6,307
2	Bradley	2	793	787	801	.....	.....	779
2	Brady	2	617	135	135	.....	.....	617
2	Cabin Creek	102	6,536	288,936	288,650	.....	.....	6,822
12	Cat Creek	63	3,100	16,699	14,786	2,364	.....	2,649
1	Clark's Fork	1	170	163	166	.....	.....	167
2	Conrad South	2	662	1,044	1,044	.....	.....	662
1	Cupton	1	1,181	1,010	.....	812	.....	1,379
151	Cut Bank	996	80,692	291,664	289,790	377	182	82,007
2	Deer Creek	3	1,180	2,413	1,938	.....	.....	1,655
1	Delphia	1	475	469	.....	588	.....	356
2	Devil's Basin	2	661	150	.....	150	.....	661
13	Dwyer	13	5,053	18,880	17,709	.....	.....	6,224
4	Elk Basin	58	2,505	215,227	215,536	.....	.....	2,196
5	Elk Basin Northwest	14	1,996	8,882	8,865	.....	.....	2,013
7	Fairview	7	7,325	79,200	69,705	6,579	.....	10,241
2	Fertile Prairie	2	1,117	1,354	1,621	.....	.....	850
23	Flat Coulee	25	5,109	16,939	17,589	.....	.....	4,459
40	Flat Lake	57	6,314	72,455	72,162	.....	.....	6,607
1	Flat Lake South	1	406	1,343	1,390	.....	.....	359
2	Frannie	2	.....	870	870	.....	.....	.....
24	Fred & George Creek	40	2,557	65,448	64,458	.....	.....	3,547
1	Gage	1	807	179	.....	175	77	734
3	Gas City	22	6,411	34,138	35,208	.....	.....	5,341
11	Glendive	14	2,581	33,879	26,931	7,416	.....	2,113
18	Goose Lake	31	3,579	59,834	56,985	.....	1,184	5,244
12	Graben Coulee	27	4,564	8,639	7,528	1,429	.....	4,246
...	Grandview	.....	528	.....	.....	.....	.....	528
3	Gypsy Basin	4	1,423	344	.....	955	.....	812
4	Hiawatha	5	3,944	39,093	39,174	.....	.....	3,863
1	Hibbard	1	369	160	.....	.....	.....	529
6	Ivanhoe	10	1,970	10,138	10,210	.....	.....	1,898
11	Keg Coulee	28	6,501	18,851	19,200	.....	.....	6,152
3	Keg Coulee North	3	1,214	1,069	1,389	.....	.....	894
1	Kelley	2	600	13,171	13,200	.....	.....	571
109	Kevin Sunburst	570	17,738	33,632	28,351	4,844	.....	18,175
1	Laird Creek	1	569	4,323	4,046	.....	.....	846
1	Little Beaver	29	.....	32,692	32,692	.....	.....	.....
2	Little Beaver East	14	2,717	17,902	18,014	.....	.....	2,605
3	Lodge Grass	3	2,123	2,150	.....	2,360	.....	1,913
24	Lookout Butte	74	5,367	128,645	126,462	2,670	.....	4,880
...	Mackay Dome	.....	810	.....	.....	.....	.....	810
2	Mason Lake	2	851	1,629	2,230	.....	.....	250
2	Melstone	4	642	1,921	1,770	.....	.....	793
1	Mineral Bench	1	287	1,228	1,332	.....	.....	183
3	Miner's Coulee	3	510	1,317	.....	1,553	.....	274
12	Monarch	15	5,420	23,088	24,614	.....	196	3,698
2	Mosser	2	.....	631	.....	631	.....	.....
6	Outlook	11	7,152	25,252	.....	24,947	.....	7,457
2	Outlook South	2	1,251	1,306	.....	844	.....	1,713
2	Outlook West	2	2,202	9,837	.....	9,848	.....	2,191
71	Pennel	118	5,251	139,859	139,347	.....	.....	5,763
4	Pine	121	18,705	315,085	311,713	.....	.....	22,077
1	Pole Creek	1	1,037	187	.....	910	.....	314
68	Pondera	282	7,530	26,100	25,918	.....	.....	7,712
4	Poplar	68	11,478	57,657	58,244	.....	.....	10,891
4	Poplar Northwest	4	1,667	1,345	1,282	.....	.....	1,730
...	Prairie Elk	.....	898	.....	.....	.....	.....	898
4	Ragged Point	12	4,833	9,459	11,649	.....	.....	2,643
1	Rattlesnake Coulee	1	919	779	1,088	.....	.....	610
2	Reagan	46	1,305	22,648	22,830	.....	.....	1,123
1	Red Creek	26	.....	26,309	25,959	350	.....	.....
1	Red Fox	1	386	8,210	8,243	.....	.....	353
1	Redstone	1	504	5,669	5,629	.....	.....	544
1	Repeat	1	148	1,677	.....	1,167	.....	658
3	Reserve	3	.....	20,010	.....	20,010	.....	.....
1	Richey	1	297	549	349	.....	.....	497
6	Richey Southwest	8	1,089	6,791	7,217	.....	.....	663
7	Sand Creek	9	2,176	11,469	11,921	.....	.....	1,724
1	Shotgun Creek	1	211	602	.....	352	.....	461
2	Sidney-Brorson	2	1,464	4,724	.....	4,930	.....	1,258
4	Smoke Creek	5	2,145	2,451	.....	2,925	.....	1,671
1	Snyder	3	248	957	.....	792	.....	413
6	Soap Creek	17	4,488	5,581	.....	6,312	.....	3,757
1	Spring Lake	2	1,412	2,679	.....	1,712	.....	2,379
2	Stensvad	23	2,708	20,706	18,901	.....	.....	4,513
29	Sumatra	84	10,846	71,125	69,923	.....	.....	12,048
6	Tule Creek	7	2,808	33,897	.....	34,280	.....	2,425
2	Tule Creek East	2	895	20,660	.....	20,843	.....	712
2	Tule Creek South	3	1,166	6,679	4,642	2,046	.....	1,157
2	Vida	2	832	271	564	.....	.....	539
4	Volt	6	3,000	18,525	19,006	.....	.....	2,519
2	Weed Creek	3	498	8,538	8,255	.....	.....	781
5	Weldon	13	2,957	75,240	76,824	.....	.....	1,373
16	Whitlash	39	9,879	17,919	18,206	.....	.....	9,592
2	Whitlash West	2	675	874	781	.....	.....	768
3	Wills Creek South	3	982	5,123	4,972	.....	.....	1,133
6	Wolf Springs	9	4,318	8,234	8,447	.....	.....	4,105
4	Woodrow	4	464	2,865	2,663	.....	.....	666
1	Wildcat, Carbon Cty	1	786	319	302	.....	.....	803
1	Wildcat, Daniels Cty	1	224	644	.....	506	.....	362
2	Wildcat, Glacier Cty	3	593	1,520	1,700	.....	.....	413
1	Wildcat, Richland Cty	1	2,111	1,572	.....	1,990	.....	1,693
1	Wildcat, Sheridan Cty	1	871	1,095	.....	850	.....	1,116
1	Wildcat, Stillwater Cty	1	966	46	.....	.....	.....	1,012
922	Total	3,589	457,799	3,896,547	3,705,705	178,530	4,937	465,174

Total Oil Produced & Shipped From Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1967	34,959,026	96,778	34,845,434	95,466
First Quarter, 1968	10,606,010	116,549	10,556,409	116,004
April, 1968	3,896,547	129,885	3,884,235	129,474

Oil In Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage*	Total Oil In Storage*
December, 1967	423,176	1,063,477	632,990	2,119,643
March, 1968	457,799	1,206,686	841,174	2,505,659
April, 1968	465,174	1,380,776	1,137,796	2,983,746

*Includes Wyoming Oil

TRANSPORTERS REPORT—MONTH OF APRIL, 1968

	Storage First of Month	OIL RECEIVED BY			Loss or (Gain)	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			3,252				3,252		
BANNATYNE—Truck			138			138			
BEAR'S DEN—Truck			1,617					1,617	
BELL CREEK—Pipelines		1,269,861					862,338	407,523	
BIG WALL—									
Continental Pipeline Co.		20,913				20,913			
BLACKFOOT—									
Camerland Cardinal Corp.			2,183					2,183	
Union Oil Co.		892				892			
		892	2,183			892		2,183	
BORDER—Truck			2,823				2,823		
BOWES—Texaco		12,274				12,274			
CABIN CREEK & OTHERS*									
Butte Pipeline Co.	346,551	752,666	12,065	1,240,102			1,991,049		360,335
Shell Pipeline Co.	3,519	302,696			823			301,835	3,557
	350,070	1,055,362	12,065	1,240,102	823		1,991,049	301,835	363,892
CAT CREEK—									
Continental Pipeline Co.		15,997				15,997			
Truck			2,364			2,364			
		15,997	2,364			18,361			
CLARK'S FORK—Truck		166					166		
CUT BANK—									
Continental Pipeline Co.			9,508	717,867				727,375	
Phillips Petroleum Co.	41,907	41,117		69,368	(1,813)	71,861		341	82,003
Texas Pipeline Co.	42,805	116,174		27,119	363			156,102	29,633
Union Oil Co.	63,857	64,955		41,506	717	47,625			121,976
Western Oil Trans. Co.		57,735						57,735	
Western Oil Trans. (Moulton)		43,242						43,242	
	148,569	323,223	9,508	855,860	(733)	119,486		984,795	233,612
DELPHIA—Truck			588			588			
DEVIL'S BASIN—Truck			150				150		
DWYER—Portal Pipeline Co.		19,032					19,032		
ELK BASIN & ELK BASIN NORTHWEST—									
Marathon Pipeline Co.		223,491				223,491			
FAIRVIEW—Truck			6,579				6,579		
FLAT COULEE—									
Camerland Cardinal Corp.		19,112				19,112			
FLAT LAKE & FLAT LAKE SOUTH—									
Portal Pipeline Co.		67,752					67,752		
FRANNIE—Interstate Pipeline Co.		870					870		
FRED & GEORGE CREEK—									
Camerland Cardinal Corp.	13,304	64,183				41,188			36,299
GAGE & GAGE S.W.—Truck			175				175		
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK—									
Texas Pipeline Co.	8,812	35,099			92			34,729	9,090
GOOSE LAKE—									
Portal Pipeline Co.		58,861					58,861		
HIAWATHA—									
Continental Pipeline Co.		34,249					34,249		
IVANHOE—									
Continental Pipeline Co.		9,828				9,828			
KEG COULEE & KEG COULEE NORTH—									
Continental Pipeline Co.		19,331				13,407	5,924		
KELLEY—									
Continental Pipeline Co.		13,199				13,199			
KEVIN SUNBURST—									
Big West Oil Co.	5,888	22,399				23,163			5,124
Homestake Oil & Gas Co.	846	2,602				2,380			1,068
Texas Pipeline Co.	7,167	11,693			99			7,480	11,281
	13,901	36,694			99	25,543		7,480	17,473
LODGE GRASS—Truck			2,360			2,360			
MASON LAKE—									
Continental Pipeline Co.		1,717				1,717			
MELSTONE—									
Continental Pipeline Co.		1,770				1,770			
MOSSER—Truck			631				631		
OUTLOOK & OUTLOOK WEST—									
Rock Island Oil & Ref. Co.			35,639				35,639		
POLE CREEK—Truck			910				910		
PONDERA—Phillips Petr. Co.	47,030	27,804		30,407	265	58,445			46,531
POPLAR, BENRUD, BENRUD EAST, OUTLOOK, OUTLOOK SOUTH, OUTLOOK WEST, RED FOX, REDSTONE, RICHEY, TULE CREEK, TULE CREEK SOUTH & VOLT									
East Poplar Gathering System	14,116	163,258			585			158,478‡	18,311
RAGGED POINT—									
Continental Pipeline Co.		8,250				7,423	827		
RED CREEK—									
Western Oil Transportation Co.		31,182						31,182	
RESERVE—Truck			20,010				20,010		
SHOTGUN CREEK—Truck			352				352		
SIDNEY-BRORSON—Truck			4,930					4,930	
SMOKE CREEK—									
Rock Island Oil & Ref. Co.			2,925				2,925		
SNYDER—Truck			792			792			
SOAP CREEK—Truck			6,312				6,312		
SPRING LAKE—									
Rock Island Oil & Ref. Co.			1,712				1,712		
SUMATRA & STENSVAD—									
Continental Pipeline Co.	601,373	85,350		302,800	1,672	55,594		289,359	642,898
TULE CREEK—									
Tesero Petr. Corp.	9,511		57,169			54,010			12,670
WEED CREEK—									
Continental Pipeline Co.		8,255				8,255			
WHITLASH & WHITLASH WEST—									
Camerland Cardinal Corp.		22,692				14,935		7,757	
WOLF SPRINGS—									
Continental Pipeline Co.		8,424				8,424			
WILDCAT WELLS—Truck			3,346				3,346		
TOTALS	1,206,686	3,659,091	178,530	2,429,169	2,803	732,145	3,125,884	2,231,868	1,380,776

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, Little Beaver East, Lookout Butte, Monarch, Pennel, Pine, Repeat, Richey, Richey Southwest, Weldon and Wills Creek South.

‡Transferred to Butte Pipeline Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF APRIL, 1968

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Ref. Co.	Jet Fuel Refinery	Phillips Petr. Co.	Tesoro Petr. Corp.	Union Oil Co.	Total
Big Wall		20,913								20,913
Bowes			1,280							1,280
Cat Creek		8,861		6,924						15,785
Cut Bank	15,425						77,017		27,044	119,486
Elk Basin		89,545		5,045	75,180					169,770
Flat Coulee									19,112	19,112
Fred & George Creek	80,670									80,670
Ivanhoe		9,828								9,828
Keg Coulee		10,820		2,587						13,407
Kelley					13,199					13,199
Kevin Sunburst	23,163									23,163
Lodge Grass		2,360								2,360
Mason Lake		1,717								1,717
Melstone				1,770						1,770
Pondera							58,445			58,445
Ragged Point				7,423						7,423
Snyder		792								792
Sumatra & Stensvad		16,510		9,180	11,539					37,229
Tule Creek								54,010		54,010
Weed Creek					8,255					8,255
Whitlash							14,935			14,935
Wolf Springs					8,424					8,424
Total Montana Oil	119,258	161,346	1,280	32,929	116,597		150,397	54,010	46,156	681,973
Canadian Oil Imported		717,867			17,005					734,872
Wyoming Oil Imported		237,305		570,974	973,623					1,781,902
Total Montana, Canadian, and Wyoming Oil	119,258	1,116,518	1,280	603,903	1,107,225		150,397	54,010	46,156	3,198,747

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1967	29,156	13,866	58,527	101,549
April, 1967	29,390	13,269	39,905	82,564
April, 1968	22,732	24,496	59,397	106,625

PERCENTAGE OF CRUDE OIL REFINED

Montana	Canada	Wyoming
28.71%	13.65%	57.64%
35.59%	16.08%	48.33%
21.32%	22.97%	55.71%